

# FOLIO

## Sailing the Friendly Skies

A mechanical engineer, D.J. Marsden is also practicing an art—the art of compromise as it relates to sailplanes. To soar on high, a sailplane's design must be a compromise between high wing loading for fast cruising flight and low wing loading for high lift required for climbing in thermals. A variable geometry sailplane—Dr. Marsden's interest—is one in which the wing geometry can be changed by some mechanism to provide more wing area and greater lift capability for slow flight. Dr. Marsden is at work on a full span slotted flap system that could lead to a better compromise between the conflicting requirements of sailplane design. Confronting him is the fact that, aerodynamically, the combination of low drag and high lift is difficult to achieve.

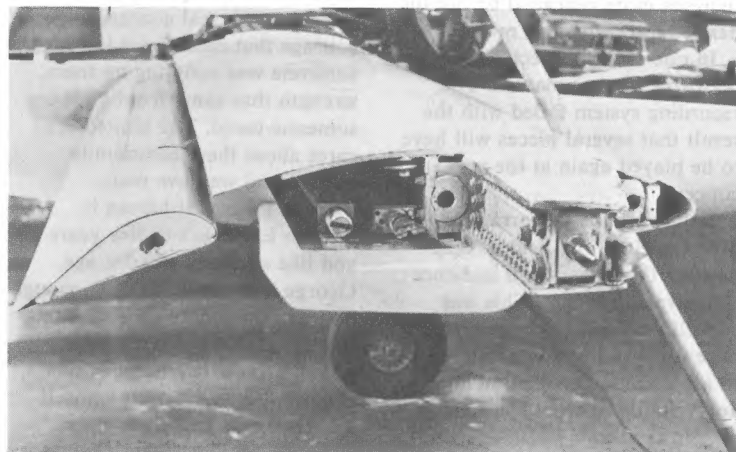
Sufficiently powerful controls must be built to complement large full span wing flaps, flaps that have to be very accurately made to eliminate any possibility of gaps and air leaks that spoil performance in high speed flight. In spite of these problems, aerodynamic theory predicts that very substantial gains in performance are possible using a high lift flap system.

Sigma, the variable geometry sailplane shown here, had its flap system reworked by Dr. Marsden. The aircraft, while none to practical because of its extreme weight of 1,525 pounds, has proved useful in the development of the slotted flap variable geometry wing concept (Sigma's wing span is sixty-nine feet).

The future should see the

design of a practical racing sailplane suitable for production. The new aircraft will have a wing span of forty-nine feet to qualify for the most popular racing class and its empty weight will be about 450 pounds. It should be ten to twenty percent faster in races around a closed course than current conventional sailplanes.

The project is backed by a \$95,000 NSERC/PRAI grant (Project Research Applicable to Industry) in conjunction with Zenair Ltd. of Richmond Hill, Ontario, to Dr. Marsden to develop an aircraft that could



result in Zenair becoming the first Canadian manufacturer of sailplanes. □\*

*\*This article is based on information contained in Engineering Newsletter (The University of Alberta) 4, 2 (1981): p. 1f.*

## General Faculties Council— In Concert

The first performance of the 1981-82 season was given a week last Monday, 21 September, and it was standing room only for late arrivals. Throughout the early part of the performance, several players made rather ragged entries but, since it was the first performance, this was forgivable.

The concert began with the usual overture conducted by Maestro Horowitz. Here, a fairly brisk tempo was maintained throughout the work's four movements (approval of the agenda, approval of the minutes of 29 June, question period, new members). The same was true of the second piece, essentially a series of variations on the theme

"report of" and played by the brass. R.J. Crawford, the first soloist, gave a steady and faithful rendition of "Report of the Board of Governors," and was emulated by the principal trumpet and the player of the asbestos dilemma horn in their "Report of the Academic Development Committee" and "Report of the Facilities Development Committee."

Pride of place in the concert, however, was taken by a new work commissioned especially for the day, "Selection Committee for Chief Librarian." This piece, Kaplan Op. 1, contained several interesting passages and was replete with extemporary cadenzas

performed with more than the customary flourish.

Vaguely reminiscent of Wagner's "Ring," the work was played in several movements each marked "lento." The essential theme, proposal and amendment, was antiphonal with several players taking turns in providing response and variation. Though the work had much in common with other modern pieces (for example, lack of harmony), its complex passages failed to lead the auditor to a final resolution of its mystery. One movement stood out in particular. This movement, identification of "professional" Faculties, was well played on the whole but it was

clear that several of the performers had trouble with the score or, at least, misunderstood the term "professional" (i.e. a Faculty whose graduates readily find employment).

The rest of the afternoon's entertainment was less demanding, although it is true that one piece, "GFC Computer Facilities and Policy Committee: Proposal for Changes to Name, Terms of Reference, and Composition," requires more rehearsal before the next concert later this month.

In one major respect, the performance was marred. The recording system failed with the result that several pieces will have to be played again at the next concert.

Following the performance, Maestro Horowitz held a reception for the players and audience at University House. This was as well attended as the performance itself and undoubtedly led to a greater understanding and appreciation of what it means to play in concert. □

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## FOLIO

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be directed to:*

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## Real Heroes

The real heroes in life aren't always famous, they come in all sizes—men, women, and children who, without ever being noticed, win some of the biggest battles the human heart has to face. There are many heroes in the Edmonton area who have faced some very tough difficulties, and have met or conquered these setbacks with real courage—courage that came from knowing someone was counting on them, strength that came from knowing someone cared. The United Way cares about these community heroes, and we have many.

One of our real heroes is George Earl. He's twelve years old and like so many kids his age, George has trouble finding enough hours in the day to do everything he likes to do. Besides going to school and participating in sports, George is busy teaching himself all about cars and electronics.

The thing that makes George a hero is not so much that he has been blind since birth, but that he copes so well despite a handicap that could make many people give up. George swims, bowls in a regular league and rides horses with a handicapped riding group. The CNIB taught Mrs. Earl how to work with a blind child and now helps her with consultant services. Your United Way donation made it possible for the CNIB to be there when it was needed.

There are thousands of heroes like George in our community, each with a special need and a special reason for counting on the United Way. The United Way isn't one agency or one cause. It is a voluntary association which provides the means for the community to look at its over-all human service needs and find the best ways to help. It doesn't make us choose one good cause at the expense of so many others.

The United Way nourishes thirty-nine community organizations through a single campaign for funds. The people who staff these agencies, along with the volunteers who donate so much of

their time, are everyday heroes to a lot of people. In fact, last year, three in five local families benefitted from the services of a United Way Agency.

Another one of our real heroes is Jason Corey. He's eleven and he lives with his family in Sherwood Park. Jason has had juvenile arthritis since he was 2½ years old. Sometimes Jason has good mobility. At other times, he has to use a wheelchair. Jason is now attending the Glenrose Hospital School. At night, he wears wrist splints in bed to hold his wrists in a proper position while he's sleeping.

The Arthritis Society, another United Way organization, supports the Rheumatic Disease Unit and Consultation Clinic at the University Hospital. Jason is being helped because a specialist at the unit put him on a treatment program that controls his arthritis. Jason's fight against arthritis makes him a real hero—and he has a lot of company. One person in seven suffers from some form of arthritis.

Heroes like George and Jason are keeping up the fight. But they and their families couldn't do it alone. They depend on community heroes to care and offer their support: people like Benny Clifford who is a volunteer with the Red Cross Society, and Marie Bygdin who gives her time to help the Edmonton Sexual Assault Centre. Each year, this centre assists hundreds of victims and their families by offering supportive counselling.

Your United Way donations go toward helping people of every age, every worthwhile circumstance and every walk of life. The Victorian Order of Nurses, for example, made over 50,000 visits last year to elderly, handicapped and convalescent people in our community.

Through their health services, our member agencies are heroes to those with a variety of afflictions—not only the physical, like epilepsy, multiple sclerosis and deafness, but those who are

mentally handicapped as well.

Because the United Way is concerned with so many social needs, funds are provided for future planning and development, mobilization of people and services, and prevention through physical and mental health services.

Our thirty-nine agencies are People Helping People, and that's what the United Way is all about. □\*

*\*The above article was submitted  
by The United Way.*

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## Across the Country

■ UBC faculty have received an eighteen percent across the board salary hike. The settlement includes a 3.8 percent increase designed to bring faculty salaries into line with those of other professionals in the Vancouver area.

■ The University of Alberta is one of six institutions that will receive federal funds to the tune of \$1,000,000 over the next five years to develop existing micro-electronic capabilities. Our University and the other five (Sherbrooke, Toronto, Manitoba, UBC, and one in the Atlantic region) will promote the application of microelectronics to industry and manufacturing.

■ In Ontario, Premier William Davis has asked universities and colleges to buy goods made in Canada. Specifically, he wants the institutions to spend up to ten percent more than they do now on Canadian made equipment.

■ The government of Quebec has increased its financial commitment to research in universities by some 22 percent over its 1980-81 allocation.\*

*\*Items of interest taken from  
"Notes from the AUCC . . ."*

## Are There Too Many Lawyers?

Curb your tongue, reader, this is a serious question. The question is also the title of a conference to be held on 12 and 13 November at the University of Western Ontario and sponsored by that institution's Faculty of Law and the Canada-United States Law Institute. The topics to be covered in the two-day meeting are of concern to all members of the legal profession, not least teachers of budding advocates in "Quota" Faculties.

First off will be a presentation of "The Views of the Practising Bar" by Roger Yachetti, Chairman of the Law Society of Upper Canada's Special Committee on Numbers in the Profession. This will be followed by "As Others See It: A Multi-Disciplinary View" with panelists drawn from Toronto, Western Ontario, and Trent. These panelists will be concerned principally with the numbers of lawyers and projections of manpower needs.

In the evening of 12 November, after dinner, Jerold S. Auerbach, author of *Unequal Justice*, will

entertain participants with his views.

The following day, the first session will be devoted to discussions of the needs of consumers. Dean Ron Ianni, Windsor, will consider the question "Are Lawyers Failing to Meet the Existing Demand for Legal Services?" while Andrew Roman, Public Interest Advocacy Center, will wonder "How the Number of Lawyers Affects the Consumer of Legal Services." After coffee, there will be two presentations of "The Governments' Views," by Lawson Hunter, Assistant Deputy Minister and Director of Investigation and Research (Bureau of Competition Policy, Ottawa), and Allan Leal, Ontario's Deputy Attorney General.

Following lunch a matter will be discussed that is, perhaps, less relevant to people at The University of Alberta: "Reducing Enrollment in Law Schools"—though Dean Jack London, Manitoba, may really be asking "How do we accomplish this?"

The last major session of the two-day affair will be concerned with "Different Jurisdictions." The speakers will be W. Reece Smith Jr., a past president of the American Bar Association, and former Dean Murray Fraser, Victoria. The closing remarks will be given by John Bowlby, the treasurer of the Law Society of Upper Canada.

Further information about "Are There Too Many Lawyers?" may

be obtained from Gail Madill, Faculty of Law, The University of Western Ontario, London N6A 3K7 (telephone: 519-679-2988). □\*

*\*This article was prepared for Folio readers at the request of the conference organizers. Now Western Ontario owes us a favor. If you want your Faculty's or Department's activities publicized out east, write to Western News, UWO, London, Ontario N6A 5B8.*

## people

where he was a specialist in Electronics and Communication. He completed his BA degree in Psychology at The University of Alberta in 1973.

Mr. Gault has worked in all divisions of the Registrar's Office, and as an Assistant Registrar has headed up the Examinations and Timetabling Division (1974-79) and, since 1980, the Planning-Development and Office Services Division.

Bonnie Afanasiff has been appointed Acting Assistant Registrar effective 18 September 1981. She will be in charge of the Planning-Development and Office Services Division of the Registrar's Office pending completion of internal and PACCR reviews.

After receiving her MA in English from The University of Alberta in 1977, Mrs. Afanasiff worked as Assistant Editor at Hurtig Publishers. In January 1978, she joined the Registrar's staff as a Senior Coordinator and soon became actively involved in the design of the new cumulative computer record system. In February 1980, she was appointed Administrative Officer in charge of definition of the user requirements on the CARS (Cumulative Academic Record System) project. She will continue with her major responsibilities on the CARS project for the immediate future.

Tapán Basu, Foods and Nutri-

## Operation Kick It

The Department of Athletic Services is offering a new lunch-time course this fall. Though not necessarily designed for the likes of Eskimo Dave Cutler, "Operation Kick It" is a free, eight-week course for those people who wish to rid themselves of the noxious (and altogether delightful) habit of smoking tobacco.

Readers of *Folio* are urged to sign up for the course to be held on Wednesdays. It is entirely possible that "Operation Kick It" will allow you to stop smoking while maintaining your equanimity. You will remain calm and self-possessed. You may even be friendly to stray dogs and children (whom you should

rarely kick).

Everyone who smokes is welcome to attend the course. It should prove to be especially useful to the person who leaves senior administrative meetings just for a quick gasp; to the instructor who asks students at the first class if anyone of them would object to his smoking in a room where it is prohibited; and to the noon-time jogger whose feeble, blackened lungs sustain him for only half a lap round the stadium.

The course begins on Wednesday, 7 October, at 12:10 p.m. For more information, telephone Art Burgess at 435-8984. □

Lola Logan, Engineering, is retiring after some thirty-five years' service at this University. Since 1945, Mrs. Logan has been a member of the University's secretarial staff mainly in the Faculty of Engineering. Since 1968, she has been employed in the Office of the Dean. This fall, she will take up residence in White Rock, British Columbia.

Olive P. Dickason, History, presented a paper at the conference on the Metis in North America held at the Newberry Library, Chicago, at the beginning of September.

Stan Gault has been appointed Acting Associate Registrar effective 18 September 1981. He will be in charge of the Admissions and Records Coordinating Division of the Registrar's Office pending completion of internal and PACCR reviews.

Mr. Gault joined the Office of the Registrar in October 1961 upon leaving the armed services

tion, has just returned from Brazil where he chaired sessions and presented papers at the Second International Symposium on the Recent Advances of Vitamins, held in Porto-Allegre from 16 to 18 September. Dr. Basu talked on the "Significance of Vitamins in Pre-Natal Life" and "Interactions between Vitamins and Cytotoxic Drugs." In addition, he participated in a panel discussion of the subject "Vitamin Therapy: Why, When, and How?" During the symposium, Dr. Basu was interviewed by members of the Brazilian news media and appeared several times on television.

Len C. Young was appointed as Director of Printing Services effective 1 July 1981 to succeed J.R.T. Grant who has retired from the University.



Mr. Young, who received his education in the printing trade in England, emigrated to Canada with his family in 1964. He continued his education at the University of Toronto where he took a number of courses in business and management while working in the printing industry and later while teaching at Ryerson Polytechnic. Before coming to The University of Alberta in 1977 to serve as the Associate Director of Printing Services, Mr. Young had been with the University of Toronto Press for seven years where he served as the Manager for Estimating and Production Standards.

## Canadian Clearinghouse For Ongoing Research in Nursing

The public data file on nursing research maintained by the Canadian Clearinghouse for Research in Nursing (CORN) has recently been updated with a completely new on-line search system. Searches are now quicker and easier, making the four-year old University of Alberta Nursing Faculty service very "user-friendly."

CORN allows researchers across Canada to obtain quick information about current research: *who* is doing *what* and *where*. This means less duplication of work, and allows workers in similar areas to exchange ideas months before the results would normally appear in professional journals. The data file is small, but

averages approximately 150 bibliographic citations on in-progress research at the more than twenty participating institutions. The CORN system is bilingual and supports bilingual entries.

The new search system was programmed by A.C. Lynn Zelmer of the International Communications Institute, Edmonton. According to Mr. Zelmer "The revisions to CORN make it possible for any researcher with a computer and a telephone to keep up to date. Previously it took a considerable amount of computer knowledge to search this data file, now the whole system is simplified. Searches can be conducted by nursing researchers

themselves, and the data file itself can be updated by a secretary. In addition, we have made it much more difficult for an unauthorized user to gain access to the rest of the computer system."

The CORN system is maintained on The University of Alberta Amdahl computer, and is normally accessed via the Trans-Canada Telephone System's DATAPAC network.

For further information contact: Canadian Clearinghouse for Ongoing Research in Nursing, c/o Faculty of Nursing, The University of Alberta, 3-120 Clinical Sciences Building, Edmonton T6G 3G3. □

Mr. Young has had numerous professional and management affiliations and has recently been appointed Alberta Director of the Canadian Institute of Certified Administrative Managers.

On 8 September Barbara Horowitz, assisted by members of the executive of the Faculty Women's Club, entertained the new faculty women and the wives of new faculty members of The University of Alberta. Coffee and refreshments were served.

A recent visitor to the Department of Art and Design was Sandy Sloan, painter and teacher at the Museum of Fine Arts School of Boston.

Karol Krotki (Sociology) became a member of a Committee Advisory to the Chief Statistician of Canada on Public Use Sample Tapes, with particular reference to the data arising out of the 1981 Census of Population. During the summer Karol Krotki spent seven weeks in Tamale, Northern Ghana, and Ouagadougou, Upper Volta, in pursuance of demographic research and helping out with the

design of a development program.

At the recent annual meeting of the Association of Canadian Faculties of Dentistry/L'Association des facultés dentaires du Canada held in Vancouver, Dean Gordon W. Thompson of the Faculty of Dentistry, was elected President-Elect. His term as President will commence in June 1982 at the annual meeting which will take place in Halifax.

The Association of Canadian Faculties of Dentistry is the national body of the Canadian faculties of dentistry. Dr. Thompson has been active in the affairs and executive of the Association for several years and most recently has chaired the supervisory committee of the proposed "National Clinical Evaluation Project" which is currently being developed.

### People Helping People

The United Way gives us all a chance to invest in something bigger than ourselves...

**It Gives Us All An Opportunity To  
"Be A Hero To Someone"**

## publications

Bishop, J.K. (Educational Psychology): *Playing Children Who Are Super Watchers of TV. The Young Child, A Full Fledged Citizen*, XVI Congrès Mondial (OMEP), Bibliothèque National du Québec, 3e Trimestre (1981): pp. 466-7.

## service information

The 12 October Thanksgiving holiday necessitates the submission of material for this section no later than 9 a.m., Wednesday, 7 October.

### Coming Events

#### Music

**Department of Music Concerts**  
2 October. Noon. Louise Bessette, piano. (A Visiting Artist Series.) 1-29 Fine Arts Building.  
4 October. 3 p.m. A Duo-Piano Faculty Recital with Alexandra Munn and Ernesto Lejano. Convocation Hall.

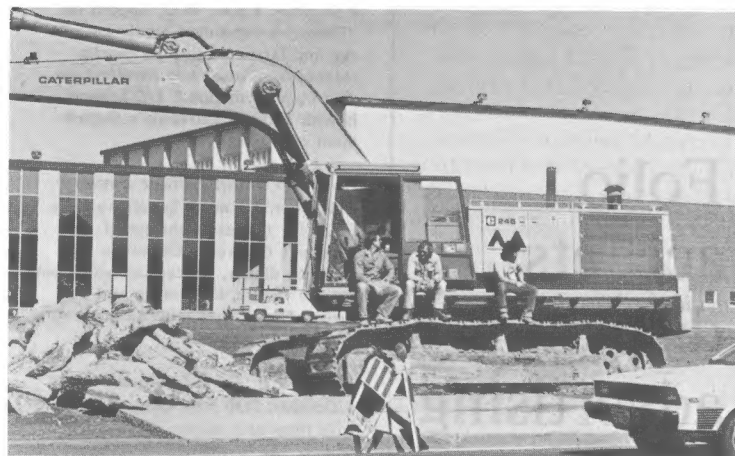
#### SUB Theatre

7 October. 8 p.m. John Renborne in concert. Tickets at HUB, Mike's.  
10 October. 7:30 p.m. An evening with Doc Watson. Tickets at HUB, Mike's, West Den.  
13 October. 8 p.m. Billy Connolly performs. Tickets at all BASS outlets.  
23, 24 October. 1 and 3 p.m. Raffi in concert with Fred Penner and Ken Whitely. For tickets call Pat Mulyk, 465-4953.  
24 October. 8 p.m. Quillapayun in concert. Tickets at HUB.  
27 and 28 October. 8 p.m. Ann Mortifee. Tickets at all BASS outlets.

Hall, D.J. (History): *Clifford Sifton. Volume 1: The Young Napoleon, 1861-1900*. Vancouver: University of British Columbia Press, 1981. (ISBN 0-7748-0135-2)

Krotki, K. (Sociology) and A.F. Kayani (Alberta Social Services and Community Health): *Stabilization Process of Human Population: A Descriptive Approach. Estaditica* (Washington, D.C.) 35, 124 (1981): pp. 61-76.

Singh, D.N.P. and F.B. Cookson (Anatomy) with photography by E. MacQuarrie (Dentistry): *Atlas of the Human Brain and Spinal Cord*. Edmonton: Faculties of Medicine and Dentistry, The University of Alberta, 1981.



Work began on site preparation for the fieldhouse on the very same day that the formal ground breaking ceremony took place, 15 September. In this photograph (left to right) Joel Nauss, Jack Hayes and Eddy Auberti of the Matthews Group Limited, Nisku, were among the first to get things underway.

**Edmonton Symphony Orchestra**  
9 and 10 October. 8 p.m. Master Series concerts featuring André Watts, piano. Jubilee Auditorium. Tickets at all BASS outlets and at the door.

**Edmonton Chamber Music Society**  
21 October. 8 p.m. Season opens with the Academy of St. Martin-In-The-Fields Octette. Admission by series ticket only. Available at HUB, Canadiana Galleries (10414 Jasper Avenue), Edmonton Chamber Music Society (8359 120 Street).

**Edmonton Opera Association**  
1, 3, and 5 October. 8 p.m. Season opener, Puccini's "Turandot." Performances in the Jubilee Auditorium. Tickets at BASS.  
13 and 14 October. 8 p.m. ESO performs religious music. Tickets at BASS.  
15 and 16 October. 8 p.m. ESO presents Sunwapta Pops concerts. Tickets at BASS.

#### Jubilee Auditorium

11 October. 6:30 and 9:30 p.m. The Pointer Sisters. Tickets at Mike's and West Den.  
12 October. 2:30 and 7:30 p.m. Edmonton Activities Variety Shows. Tickets: Phone 426-3711, or at the door.

#### Edmonton Philharmonic Orchestra

The orchestra is recruiting in several sections. Vacancies exist at all skill levels for strings, oboe, bassoon, tuba, and percussion. For more information, call Anne Harder (436-0815), Dan Barer (426-1720), or Leslie Bella (435-8467, 432-3341).

**The South Side Folk Club**  
10 October. 8:30 p.m. The Club will feature Vin Garbutt from England with Joanne McIsaac from Edmonton. The Orange Hall 104 Street and 84 Avenue. Tickets at SU Box Office and Keen Kraft Music. Club information 478-6417.

### Films

#### SUB Theatre

1 October. 7 and 9:30 p.m. "The Great Santini."  
2 October. 7 and 9:30 p.m. "Nice Dreams."  
6 October. 7 and 9:30 p.m. "Altered States."  
8 October. 7 and 9:30 p.m. "Private Benjamin."  
9 October. 7 and 7:30 p.m. "Outland."

#### Edmonton Film Society

5 October. 8 p.m. "The Handyman." SUB Theatre. Series tickets available at HUB, Woodward's, door.

#### National Film Theatre

1 October. 7:30 p.m. "Picnic at Hanging Rock." 9:20 p.m. "The Homecoming."  
2 October. 7:30 p.m. "The Last Betrothal." 9 p.m. "Picnic at Hanging Rock." Screenings in the Citadel Theatre's Zeidler Hall.

#### Edmonton Public Library

12 noon, Mondays. Brown Bag Cinema. Centennial Library Theatre. Free admission.

#### Something Special

Weekends at 2 p.m. Until 17 and 18 October. A film series in recognition of the International Year

of Disabled Persons. Centennial Library Theatre. Free admission.

#### Children's Cinema

Saturdays at 10:30 a.m. Showing in the Centennial Library Theatre. Free admission.  
7 p.m. Tuesdays, Wednesdays and Thursdays until 29 October. "Fantastic Flicks," a film series for teenagers. Showing in the Centennial Library and the Capilano and Dickinsfield branches. Admission Free. Tickets available from the Audio-Visual division in the Centennial Library and in Capilano and Dickinsfield branches.

#### Jubilee Auditorium

6 October. 8 p.m. The film "Powderheads" will be shown. Tickets at BASS.  
7 October. 8 p.m. EPSB "Awards Nite." Tickets at the door.  
8 October. 6 and 9 p.m. World Adventure Tours film: "Chicago." Tickets at Mike's and West Den.

### Lectures and Seminars

#### Canadian Institute of Ukrainian Studies

2 October. 7:30 p.m. Dr. Bohdan Bociurkiw, Professor of Political Science, Carleton University, will discuss "Politics, Religion, and Society in Contemporary Ukraine." Heritage Lounge, Athabasca Hall.

#### Department of Zoology

2 October. 3 p.m. P.A. Morrow of the Department of Ecology and Behavioral Biology, University of Minnesota, will speak on "Community consequences of chronic insect stress in Eucalyptus forests." 345 Agriculture Building.



# Folio accepts display advertising

*Size and rates:* the basic unit size is 21 agate lines x 11 picas (1½" x 1⅞"). The full page is divided into 22 such units, any combination of which is available at a cost of \$15 per unit. Half page costs \$165. One column costs \$82.50. A professional/business card unit is available at a cost of \$30. Discounts are offered for extended runs, please enquire.

*Other specifications:* half-tones (100-line screen or less) are acceptable; no colour or bleeds. Camera-ready copy is necessary. There is a charge of 30c per word for typesetting, and \$7.50 for adjustment of design work. Deadline for submission is one week prior to publication (Thursday, 3 p.m.). Acceptance of advertisements and positioning are at the discretion of the editor.

These rates are effective from 1 January 1981. For more information please telephone 432-2325 and ask about *Folio* display advertising or write to:

*Folio Display Advertising*  
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423 Athabasca Hall  
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T6G 2E8

9 October. 3 p.m. W.C. Leggett on "Density-independent regulation of egg and larval survival in capelin (*Mallotus villosus*) and its effect on year-class formation." Dr. Leggett is with McGill University's Department of Biology.

*Every Woman's Place Society*  
3 October. 7 p.m. A benefit to raise funds for the establishment of a Women's Centre in Edmonton. Pot-luck dinner, dance. Garneau Community Centre, 84 Avenue and 109 Street. For further information phone 484-9820 or 432-0919.

*Edmonton Bicycle Commuters*  
6 October. 7:30 p.m. General meeting with films and display. McKernan School, 114 Street and 76 Avenue.

*Department of Psychology  
Alberta Heritage Foundation  
for Medical Research*  
*The Seventh Annual MacEachran Memorial Lecture Series*  
5, 6, 7, October. 7:30 p.m. A series of lectures relating to "Current Cognitive Theory in Problem Solving," with speaker James G. Greeno, Learning Research and Development Center at the Department of Psychology, University of Pittsburgh. CW-410 Biological Sciences Building.

*Edmonton General Hospital  
Faculty of Medicine*  
*The Nineteenth Annual  
Dr. L.P. Mousseau  
Memorial Lecture*  
7 October. 8:30 p.m. "Interferon as a Therapeutic in Man," with speaker Thomas Charles Merigan Jr., Stanford University School of Medicine. Edmonton General Hospital Auditorium, 11111 Jasper Avenue.

*Edmonton General Hospital*  
7, 8, 9, October. Twelfth Annual Seminar with a program relating to the general practice of medicine. For more information, please write to Ruth Doram, 3A02 Edmonton General Hospital, 11111 Jasper Avenue, Edmonton, Alberta T5K 0L4.

*Faculty of Extension  
Edmonton Public Library*  
9 October. 12:15 p.m. The opening lecture in a series of ten lunch-time presentations under the general title of "Canada: East/West and North/South Relations." This lecture, to be given by B. Wilkinson (Economics) is titled "Canada's International Trade." Music Room, Centennial Library. Coffee supplied at no charge.

*Students' Union*  
Information campaign on Multi-National Corporations and the Third World.  
1 October. 7 p.m. Forum with Fr. Chism. Meditation Room, SUB. For

more information call Lisa Walter, 432-4236.

*Departments of Zoology and  
Immunology and the Alberta  
Heritage Foundation for  
Medical Research*  
1 October. 4 p.m. Françoise Dieterlen, College De France, lectures on "Hemopoietic Stem Cells in the Avian Embryo." 968 Medical Sciences Building.

*Department of Physics*  
5 October. 3:30 p.m. Colloquium with

W.S. Moore, University of Nottingham, "Medical Imaging by Nuclear Magnetic Resonance." V-121 Physics Building.

*Department of Chemistry*  
5 October. 8 p.m. Colloquium series for 1981-82 begins with talk by John Vederas titled "Biosynthetic Studies Using 18O Isotope Shifts in 13C-NMR." E325 Chemistry Building.

*Philosophy Club*  
8 October. 3:30 p.m. John King-Farlow will give a paper on "Physical and Mental Health." 2-42 Humanities Centre.

## Alumni Homecoming 1981

### FRIDAY, OCTOBER 2

8:00-10:00 p.m.  
*Wine & Cheese Party*  
*Meet the Prof's*  
FACULTY CLUB

### SATURDAY, OCTOBER 3

10:00 a.m.  
*Campus Tour—Rutherford Library (GALLERIA)*  
11:30 a.m.  
*Pre-Football Game Luncheon*  
LISTER HALL  
2:00 p.m.  
*Football Game U. of A. Golden Bears vs  
U. of C. Dinosaurs*  
2:30 p.m.  
*Homecoming Tea*  
6:30-7:30 p.m.  
*Homecoming Reception*  
LISTER HALL  
7:30 p.m.-1:00 a.m.  
*Homecoming Banquet & Ball*  
LISTER HALL

### SPECIAL CLASSES '21, '31, '41, '56, '61, '76

### TICKETS (ALUMNI OFFICE—432-3224)

430 Athabasca Hall, U. of A.  
*Wine & Cheese Party* \$ 3.00/person  
*Banquet & Ball* \$12.50/person  
*Luncheon & Football Game* \$ 3.00/adults  
\$ 1.50/children  
*Combination (all events)* \$18.50/person

*Departments of Biochemistry  
and Pharmacology*

15 October. 12:30 p.m. David B. Ludlum will speak on "Molecular Pharmacology of the Nitrosoureas." 2-27 Medical Sciences Building. Dr. Ludlum is a member of the Department of Pharmacology and Experimental Therapeutics, Albany Medical College, Albany, New York.

*Grant MacEwen College*

*Car Care for Consumers*

27 and 29 October. 7 to 10 p.m. Grant MacEwan College, 7319 29 Avenue. Telephone 462-5550.

*Theatre*

*Théâtre Français d'Edmonton*  
16 à 25 octobre. *La Dame Fantome*  
de Calderon de la Barca.

*Colloquium XVIII: The  
Human Dilemma*

14 October. 6 p.m. First of eight meetings. Dinner followed by discussion of *The Dagger of Islam* by John Laffin. Joseph Cahill, Department of Religious Studies, will be chairman. Faculty Club. To enroll, telephone Charles Lockwood at 432-2681.

*Department of Religious Studies*

14 October. 4 p.m. Opening of public lecture series. R.G. Moyles, Department of English, at the lectern with "Hallelujah Cartwheels: The Salvation Army's Invasion of Canada." Lecture Hall I, Humanities Centre.

*Citadel Theatre*

*Shoctor Stage*  
Until 18 October. *Catholics*  
by Brian Moore.

*Workshop West*

*Playwrights' Theatre*

Until 4 October. *Rexy!* by Allan Stratton. A play about MacKenzie King. Tickets at BASS. Reservations: 424-2422.

*Religious Services*

*The University Parish.*

Weekly. Tuesdays at noon. Lunch and meditation in the Meditation Room. 158 Students' Union Building. Thursday. 9:15 a.m. Holy Eucharist (Anglican rite). St. Joseph's College Chapel. Evenings. Worship and community meal with discussion of topics of general interest. 158 Students' Union Building.

*Exhibitions*

*Edmonton Public Library*

*Photographic Gallery*

5 to 31 October. "Myths" by Frank Haddock.

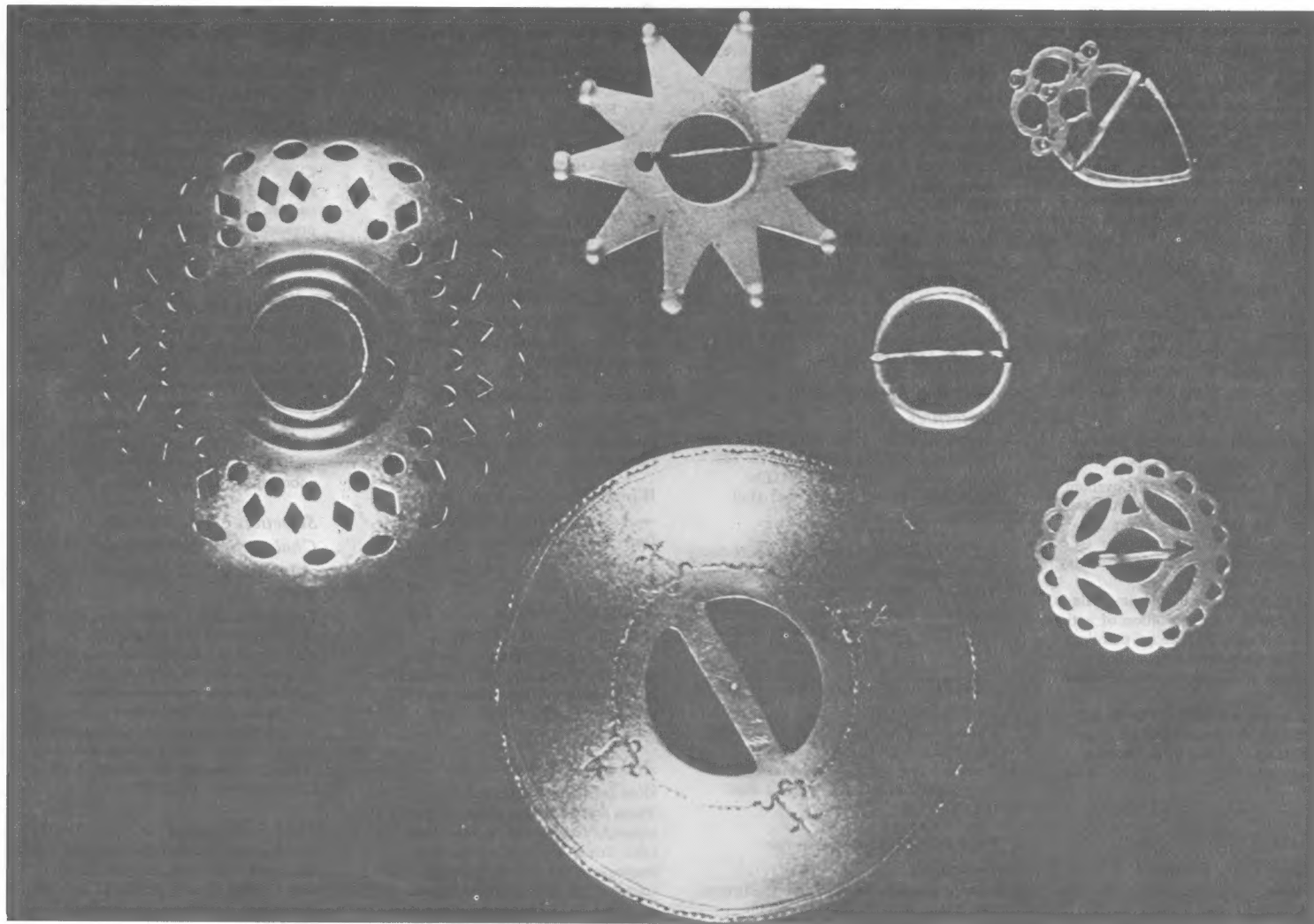
6 to 31 October. "And we have made thy sight sharp this day" by Paul Lencucha.

*Ring House Gallery*

Until 4 October. Student Prints: Collagraphs.

1 to 25 October. "Pork Roasts: 250 Feminist Cartoons." A variety of recent cartoons chosen by Avis Lang Rosenberg, sponsored by the University of British Columbia Fine Arts Gallery, and supported by the Canada Council. 8 to 25 October. "Annora Brown: Next to Nature, Art." Sponsored by the gallery and Hurtig Publishers to

Among the valuable items on display at the Provincial Museum until 15 November are these "breast buckles" in an exhibition titled "The Covenant Chain."



celebrate the publication of the autobiography of the Albertan pioneer artist.

Gallery hours: Weekdays: 11 a.m. to 4 p.m., Thursdays: 11 a.m. to 9 p.m., Sundays, 2 to 5 p.m.

#### ***SUB Art Gallery***

25 September to 12 October. Paintings by Ron Moppett and sculpture by Phyllis Green.

#### ***Rutherford House***

The restored home of Alberta's first premier, A.C. Rutherford, is located on the campus of the University of Alberta, which he founded. Staff in period costumes show visitors through the house. Open: Saturday and Sunday 12 noon to 6 p.m. Group tours at other times may be arranged by calling 427-5708 during office hours at least one week in advance. Free admission. 11153 Saskatchewan Drive.

#### ***Strathcona***

##### ***Archaeological Site***

Archaeologists working on the 5,000 year old archaeological site at the Strathcona Archaeological Centre have stopped digging and closed the site and interpretive facility for the winter.

The Strathcona Archaeological Centre located adjacent to the Strathcona Refinery off 17 Street in southeast Edmonton will re-open on the Victoria Day weekend, 1982.

Group tours may be arranged during the winter period by telephoning 427-2022 weekdays. Two weeks notice is required.

#### ***Stony Plain***

##### ***Multicultural Heritage Centre***

9 October. 7 p.m. Rakuware by Elke Blodgett—Pots in Retrospect, poetry readings by Ted Blodgett.

5411 51 Street, Stony Plain. 963-2777.

#### ***Provincial Museum and Archives***

From 16 September. "The Covenant Chain: Indian Ceremonial and Trade Silver." An exhibition of over 300 pieces of silver dating from the eighteenth century to the present day. Feature Gallery #3.

Until 22 November. "Avatars—Hindu Incarnations." An exhibition of antique temple bronzes, Kalamkari paintings and Krishna paintings from the collection of Sarala Sharma. Feature Gallery #2.

Until 6 January 1982. "The Beauty of Pheasants." An exhibition of over thirty species of the bird. Feature Gallery #1.

#### ***Sports***

##### ***Golden Bears Football***

2 October. 7:30 p.m. Calgary.  
17 October. 2 p.m. University of British Columbia.

## ***Non-Credit Courses***

### ***Faculty of Extension***

#### ***Second Annual Great***

##### ***Information Show***

Date: 2 October. Time: 8:30 a.m. to 4:20 p.m. More information: 432-5061, 432-5532.

### ***Faculty of Dentistry***

#### ***Pharmacists Role in a Dental Office***

Date: 3 October. Place: Calgary.

#### ***Current Preventive Concepts in Dental Caries***

Date: 17 October. Place: Edmonton.

#### ***Modern Sterilization Techniques in the Dental Office***

Date: 23 October. Place: Calgary.  
Date: 24 October. Place: Edmonton.

### ***PLATO Learning Centre***

#### ***Introduction to PLATO***

Course number: 6610. Date: 26, 28, 30 October; 2, 4, 6, 9, 13 November. Time: 5 to 7 p.m. Fee: \$110. Prerequisites: none. Place: 110 Corbett Hall (PLATO Learning Centre).

#### ***Introduction to PLATO***

Course number: 6611. Date: 27, 29 October; 3, 5, 10, 12, 17, 19 November. Time: 5 to 7 p.m. Fee: \$110. Prerequisites: none. Place: 110 Corbett Hall (PLC)

#### ***Introducor to TUTOR***

Course number: 6612. Date: 26 October; 2, 9, 16, 23, 30 November; 7, 14, 21 December; 4 January. Time: 7 to 9 p.m. Fee: \$145. Prerequisites: Introduction to PLATO. Place: 110 Corbett Hall (PLC)

#### ***Care and Feeding of PLATO Notesfiles***

Course number: 6616. Date: 21 October. Time: 7 to 10 p.m. Fee: \$35. Prerequisites: Intro to PLATO or equivalent. Place: 110 Corbett Hall (PLC)

#### ***PLATO Group Director Functions***

Course number: 6617. Date: 28 October. Time: 7 to 10 p.m. Fee: \$35. Prerequisites: Intro to Plato or equivalent. Place: 110 Corbett Hall (PLC)

#### ***PLATO Instructor Files and Routers***

Course number: 6618. Date: 4 November. Time: 7 to 10 p.m. Fee: \$35. Prerequisites: Intro to PLATO or equivalent. Place: 110 Corbett Hall (PLC)

#### ***PLATO Account Director Functions***

Course number: 6619. Date: 18 November. Time: 7 to 10 p.m. Fee: \$35. Prerequisites: Intro to PLATO or

equivalent. Place: Corbett Hall (PLC)

#### ***Introduction to Programming in BASIC***

Course number: 6605. Duration: 60 hours. Time: 8 a.m. to 11 p.m. (Computer-managed independent study). Fee: \$395. Prerequisites: none. Place: 110 Corbett Hall (PLC)

### ***John Janzen Nature Centre***

#### ***Moms and Tots Nature Exploration***

Date: 13, 20, 27 October; 5 November. Time: 1:15 to 2:45 p.m. Fee: \$10 adult/child combination. Date: 15, 22, 29 October; 7 November. Time: 9:30 to 11 a.m. Fee: As above.

#### ***Log Home Building Basics***

Date: 8, 15, 17, 22 October. Time: 7:30 to 9:30 p.m. (except 17 October: 1 to 4 p.m.). Fee: \$22.50.

### ***Devonian Botanic Garden***

For more information on the following courses, please telephone 987-3054.

#### ***Botany for Gardeners***

24 September to 10 December. 7 to 9 p.m. Introduction to botanical principles and topics that have special relevance to gardening. Fee: \$65.

#### ***Mosses and Lichens***

Date: 3 October. Duration: Three afternoon sessions.

#### ***Fleche Weaving***

Date: 7 October. Duration: Three evening sessions.

#### ***Flower Preservation and English Flower Arrangement***

Date: October. Duration: Eight morning sessions.

#### ***Forcing Bulbs for Indoor Flowering***

Date: 27, 29 October. Duration: One session.

#### ***Winter Flowers from Bulbs—A Course for Children***

Date: 31 October. Time: 9 a.m. to 11 a.m.

### ***Students' Union***

#### ***Arts and Crafts Classes***

Topics: Pottery, drawing, painting, watercolor, printmaking. Prerequisites: None, there will be classes for all people, including pre-teens and teenagers.

#### ***Arts and Crafts***

##### ***Weekend Workshops***

These will focus on areas of special interest: ceramics glaze chemistry, raku firing, art criticism for art instructors, the artist's business, and transferring and printing images. For further information, telephone the SUB Art Gallery at 432-4547.

## ***Chaplaincy***

### ***Anglicanism***

Continuing. One-hour seminars. Time: Noon. Topics: Varied and relating to Topics: Varied and relating to Anglicanism, its history, worship, articles of faith, etc. Place: 158D Students' Union Building.

## ***Notices***

### ***Parking—Garneau Area***

Owing to the commencement of new residential construction in the Garneau area, present parking facilities there will be greatly altered.

Large portions of the area bordered by 87 and 89 Avenues between 110 and 111 Streets will be blocked off commencing 1 October 1981. This will cause considerable disruption in present parking locations. Only those possessing Garneau area parking permits will be allowed to park in that area. Permits will be authorized by Housing and Food Services and thereupon issued by Parking Services. Unauthorized vehicles parked in that area will be subject to tagging and towing.

### ***Male Donors Required***

The Infertility Clinic at the University of Alberta Hospitals operates an artificial insemination program employing paid male donors. The Clinic is currently endeavoring to recruit healthy males to supplement the current panel. Donors receive at present \$25 per specimen. For further information, please telephone Sharon at 432-6537.

### ***Dentistry Patients Needed***

New patients are needed for the DAU clinic in the Faculty of Dentistry for examinations, x-rays, fillings, etc. All fees are subsidized. Please telephone or go in person to the DAU clinic (1048 Dentistry/Pharmacy). The telephone number is 432-2488 and the clinic is open from 9 a.m. to noon, and from 2 to 4 p.m.

### ***Selection Committee for Chairmen of Educational Administration, Linguistics, and Sociology***

The Nominating Committee is seeking one member of the Faculty not a member of the Departments concerned, to serve on the above Selection Committees. Would persons interested in serving on these Selection Committees, or who have suggestions for nominations please contact P.M. Plaskitt, Secretary of the Nominating Committee, 2-1 University Hall (432-4715).

### ***Models Required***

The Faculty of Extension requires male and female models for daytime and evening classes. Rate—\$7 per hour. If you are interested please phone 432-3034.



### *Diving Club*

The University of Alberta Diving Club, a combined community/University competitive and instructional spring-board and platform diving program will initiate its second year of operation with a "Free Lesson and Registration Day" on 10 October, Saturday, from 10 a.m. to 12 noon. The lessons will be conducted at the Kinsmen Aquatic Centre, averaging thirty minutes in length.

The fall session will commence 13 October, with all programming for the registered members conducted at the Kinsmen facility. For further information call Don McGavern, Director of the program and varsity coach of the Pandas and Bears divers.

### *University Women's Club*

#### *Bursaries*

The University Women's Club of Edmonton makes grants to currently enrolled mature students who have entered The University of Alberta, after an interruption in their education. The bursaries are directed mainly to single parents, both men and women, attempting to improve their lot in life. Financial need is the main criterion. The intent is to help with unusual incidental or emergency expenses, rather than to pay basic living costs. Please apply to the Office of Student Affairs, 225 Athabasca Hall, 432-4145 for an application form. Applicants will be interviewed. Deadline for submissions is 23 October 1981.

#### *Campus Observatory*

The Campus Observatory opened for the 1981-82 academic year on 18 September. There will be two shows each Friday evening, at 9 p.m. and at 10 p.m. Up to thirty people can be accommodated at one time. Contact the Office of Community Relations (423 Athabasca Hall, 432-2325) and dress warmly.

#### *Faculty Curling Association*

The Faculty/Staff Curling League is accepting applications for its Thursday draws at 5, 7 and 9 p.m. Contact Professors Sawada or Neufeld at 432-4188 for entry forms or other information.

#### *Pre-Retirement Seminar for Academic Staff*

Personnel Services and Staff Relations in conjunction with the Association of Academic Staff: University of Alberta is pleased to announce the annual Pre-Retirement Seminar for Academic staff members who are fifty-five years of age or over. This year's seminar will be held on the evening of Friday, 16 October 1981 from 7:30 p.m. to 10 p.m. and from 9 a.m. to 4:30 p.m. on Saturday, 17 October, in the Map Room of Lister Hall.

Guest speakers will discuss such topics as federal provincial pensions, legal matters, financial planning, health and aging as well as others. The \$10

per person registration fee includes coffee, lunch and reading materials. Registrations are limited and accepted on a first-come, first-serve basis. To register, and for further information please contact Robert Goldbeck at 432-5384.

#### *University Orientation Days*

Faculties, departments, divisions, student service organizations, clubs and any interested campus groups are invited to submit applications for lecture and display space at the annual University Orientation Days to be held on 25 and 26 February 1982.

Interested groups should contact Lorne Gunter in the Office of the Registrar, 432-5392. The deadline for submission is 16 October 1981.

## *Positions Vacant*

### *Finance and Planning Officer Faculty of Science*

The Finance and Planning Officer is responsible for planning in the areas of finance, space and administration. The Officer advises the Dean of Science in matters of budget control for operating and capital equipment and Faculty-sponsored capital renovations. Surveys pertinent to Faculty administration are to be compiled including space utilization, research activities and support staff ratios. The Finance and Planning Officer will serve as Secretary to the Faculty of Science Committee of Chairmen and will serve as Chairman of the Faculty of Science Administrative Officers Committee.

The position requires a Bachelor's degree, knowledge and understanding of University operations and good communication skills.

This is an Administrative/Professional Officer position with salary at the senior level (currently under review). The University is an equal opportunity employer, but in accordance with Canadian immigration regulations, Canadian citizens and permanent residents will be given preference.

Closing date is 8 October 1981. Applications will full curriculum vitae and three references should be sent to: Dean W.J. McDonald, Faculty of Science Office, The University of Alberta, CW223 Biological Sciences Centre, Edmonton, Alberta T6G 2E9

#### *Receptionist-Bookkeeper*

The Association of the Academic Staff requires a full-time receptionist-bookkeeper to answer telephone enquiries from members, to maintain the Association's books, and to assist with general office duties, including typing and filing. Bookkeeping experience and good typing skills are essential. The position is available immediately. Salary and benefits are paid in accordance with University rates.

Applications to Gordon Unger, Executive Secretary, AASUA, 347 Athabasca Hall, 432-5321.

### *Administrative Officer*

#### *Faculty of Medicine*

Applications are invited for the position of Administrative Officer, Faculty of Medicine, to be filled by 15 December 1981. Reporting directly to the Dean of Medicine the position requires a thorough knowledge of all University procedures, a working knowledge of the medical profession, familiarity with accounting procedures, and administrative experience and management ability.

Duties include acting as office manager for the office of the Dean, full budget responsibilities (capital, operating and trust) for a large diverse Faculty, contracting and management of academic and non-academic staff, and secretarial duties for various faculty committees.

This is an Administrative and Professional Officer position with salary commensurate with qualifications and experience. The University of Alberta is an equal opportunity employer; preference will be given to Canadian citizens and permanent residents.

Applications will full curriculum vitae and the names of three references should be sent to: Dr. D.F. Cameron, Dean, Faculty of Medicine, 13-117 Clinical Sciences Building, Edmonton, Alberta T6G 2G3.

Closing date for receipt of applications is 13 November 1981.

#### *Non-Academic Positions*

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 25 September 1981.

Duplicating Equipment Operator (\$903.29-\$1,080.97)—Mathematics  
Public Relations/Publications Clerk I (\$935.58-\$1,117.33)—Community Relations  
Senior Clerk (\$970.59-\$1,161.75)—Dean of Engineering  
Clerk Typist II (\$970.59-\$1,161.75)—Dean of Engineering  
Clerk Typist II (\$970.59-\$1,161.75)—Romance Languages; Vehicle Pool; Athletic Services; Office of the Comptroller; Sociology  
Clerk Typist II (\$485.30-\$580.88)—Anthropology (Part-time)  
Clerk Steno II (\$970.59-\$1,161.75)—Surgery; Entomology; Forest Science (2 positions); Mechanical Engineering  
Clerk Steno II/III (\$970.59-\$1,161.75)—Statistics and Applied Probability  
Library Clerk III (\$1,006.94-\$1,204.82)—Rural Economy  
Student Records Processing Clerk (\$1,080.97-\$1,304.43)—Nursing; Education—Student Records Office  
Admission Records Clerk/Coordinator (\$1,080.97-\$1,304.43)—Office of the Registrar  
Clerk Typist III (\$1,080.97-\$1,304.43)—Vice-President (Academic); Occupational Therapy; Administrative Services

Clerk Typist III (\$540.49-\$652.22)—Medicine (Part-time)  
Clerk Steno III (\$1,080.97-\$1,304.43)—Pathology (2 positions); Business Administration and Commerce; Computing Science; Restorative Dentistry; Sociology; Special Sessions (2 positions); Obstetrics and Gynaecology; Mineral Engineering (2 positions)  
Clerk Steno III (\$540.49-\$652.22)—AASUA  
Public Relations/Publications Clerk II (\$1,080.97-\$1,304.43)—Community Relations  
Medical Steno (\$903.29-\$1,106.55)—Pediatrics (¾ time)  
Medical Steno (\$1,204.82-\$1,475.40)—Medicine  
Secretary (\$1,204.82-\$1,475.40)—Pharmacology  
Public Relations/Publications Assistant II (\$1,358.28-\$1,673.30)—Community Relations  
Departmental/Executive Secretary (\$1,358.28-\$1,673.30)—Surgical Medical Research Institute  
Laboratory Assistant I (\$903.29-\$1,080.97)—Medicine (Trust)  
Housing Worker I (\$970.59-\$1,161.75)—Housing and Food Services; Housing and Food Services (Term)  
Laboratory Assistant II (\$970.59-\$1,161.75)—Provincial Laboratory  
Equipment Room Attendant (\$1,039.24-\$1,250.59)—Physical Education and Recreation (Term)  
Building Services Worker II (\$1,080.97-\$1,304.43)—Building Services (Physical Plant)  
Programmer/Analyst III (\$1,084.35-\$1,352.90)—Psychology (Part-time)  
Computer Assistant II (\$1,117.33-\$1,358.28)—Computing Services  
Technical Assistant (\$1,117.33-\$1,358.28)—Pharmacology  
Technician I (\$1,204.82-\$1,475.40)—Medicine (Trust/Term); Pharmacy (Trust); Computing Services; Pharmacology (Trust); Zoology (Trust)  
Chemical Technician I (\$1,204.82-\$1,475.40)—Chemistry (Trust); Animal Science (Trust)  
Animal Technician I (\$1,204.82-\$1,475.40)—Bioscience Animal Services  
Farm Technician (Dairy) (\$1,204.82-\$1,475.40)—Animal Science  
Youth Program Assistant (\$1,204.82-\$1,475.40)—Extension—Legal Resource Centre (Trust)  
Building Services Worker III (\$1,204.82-\$1,475.40)—Physical Plant (Building Services)  
Technician I/Technologist I (\$1,204.82-\$1,475.40)—Hormone Receptor Lab (Trust); Microbiology (Trust)  
Technician I/II (\$1,204.82-\$1,673.30)—Plant Science  
Civil Engineering Technician I/II (\$1,204.82-\$1,475.40)—Civil Engineering (Trust)  
Building Services Worker IV (\$1,340.43-\$1,604.63)—Physical Plant (Building Services)  
Food Services Worker IV (\$1,250.59-\$1,538.68)—Housing and Food Services  
Maintenance Worker I (\$1,304.43-

\$1,604.63)—Physical Plant (Grounds); Housing and Food Services  
 Computer Operator I (\$1,304.43-\$1,604.63)—Office of Administrative Systems; Computing Services  
 Security Officer I (\$1,358.28-\$1,673.30)—Campus Security  
 Technician II (\$1,358.28-\$1,673.30)—Mineral Engineering  
 Electron Microscope Technician II (\$1,358.28-\$1,673.30)—Anatomy (Trust)  
 Research and Planning Analyst III (\$1,358.28-\$1,673.30)—Planning Office  
 Technologist I (\$1,417.51-\$1,747.33)—McEachern Laboratory (Part-time, Trust); Medicine (Endocrinology) (Trust, Term)  
 Laboratory Technologist I (\$1,417.51-\$1,747.33)—Anthropology  
 Technologist I (\$1,417.51-\$1,747.33)—Anthropology; Genetics (Trust/Term)  
 Draftsman II (\$1,417.51-\$1,747.33)—Design and Construction  
 Biochemistry Technologist I (\$1,417.51-\$1,747.33)—Surgery (Trust)  
 Biochemistry Technologist I/II (\$1,417.51-\$1,747.33)—MacEachern Laboratory (Trust)  
 Technologist I/II (\$1,417.51-\$1,747.33)—Physiology (Trust)  
 Dental Hygienist (\$1,475.40-\$1,822.73)—University Health Services  
 Electronics Technician II (\$1,475.40-\$1,822.73)—Physics  
 Engineering Technologist II (\$1,475.40-\$1,822.73)—Physical Plant (Energy Management)  
 Maintenance Worker II (\$1,538.68-\$1,904.82)—Physical Plant (Electrical Distribution)  
 Applications Analyst (\$1,538.68-\$1,904.82)—Office of the Registrar  
 Technician II/Technologist III (\$1,538.68-\$2,264.26)—Geology (Trust)  
 Biology Technician III (\$1,538.68-\$1,904.82)—Genetics  
 Typographical Tradesman III (\$1,538.68-\$1,904.82)—Printing Services  
 Technologist II (\$1,604.63-\$1,986.93)—Biosafety Committee; Soil Science  
 Security Officer III (\$1,673.30-\$2,077.14)—Campus Security  
 Engineering Technologist III (\$1,673.30-\$2,077.14)—Design and Construction  
 Radio Producer II (\$1,747.33-\$2,168.70)—Radio and Television  
 Technician IV (\$1,747.33-\$2,168.70)—Mineral Engineering  
 Machinist Technician III (\$1,822.73-\$2,264.26)—Technical Services, Machine Shop  
 Programmer/Analyst II (\$1,822.73-\$2,264.26)—Office of Administrative Systems  
 Interior Designer (\$1,822.73-\$2,264.26)—Design and Construction  
 Engineering Technologist IV (\$1,904.82-\$2,367.91)—Physical Plant (Energy Management)  
 Operations Supervisor (\$1,986.93-\$2,474.27)—Computing Services  
 Programmer/Analyst III (\$2,168.70-\$2,705.81)—Physical Plant; Computing Services; Business Administration and Commerce  
 Training Coordinator (\$2,168.70-\$2,705.81)—Computing Services  
 Programmer/Analyst IV (\$2,588.69-\$3,242.93)—Computing Engineering;

Office of Administrative Systems  
 Sheet Metal Foreman (\$2,830.53-\$2,957.90)—Physical Plant

*The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board in the Cameron Library—Room 512 should be consulted for further information as to availability and position requirements.*

Library Clerk II (\$935.58-\$1,117.33)—Acquisitions  
 Library Clerk III (\$1,006.94-\$1,204.82)—Acquisitions  
 Library Assistant I (\$1,080.97-\$1,304.43)—Cataloguing  
 Secretary (\$1,204.82-\$1,475.40)—Rutherford  
 Library Assistant III (\$1,358.28-\$1,673.30)—Cataloguing  
 Library Assistant IV (\$1,538.68-\$1,904.82)—Cataloguing  
 Programmer/Analyst III (\$2,168.70-\$2,705.81)—Systems

## Advertisements

*Due to the Thanksgiving holiday on 12 October advertisements must reach the Editor by 3 p.m. Wednesday, 7 October, which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an alteration is made. Advertisements cannot be accepted over the telephone.*

### Accommodations available

For rent—Must rent my house to go on sabbatical. Two storey, three bedrooms, five appliances, furnished. \$750/month. 1 December 1981-31 July 1982. 432-4191, 468-6089.  
 76 treed rolling acres, bordering Ministik Bird Sanctuary. Good well. \$69,000. 24 acres on private lake \$37,000. Both 28 miles S.E. Edmonton with utilities. Owner will carry at 15%. 469-0762.  
 For rent—January - July 1982 bungalow. Belgravia. Rent negotiable. Call evenings 436-1704.  
 For sale—Strathcona. Two storey, four bedroom, two baths, 1,750 sq. ft. Beautifully restored. Modern kitchen, established garden, hardwood floors, open fireplace. Asking \$120,000. 439-7801.  
 For rent—Parkallen. Two bedroom, fully modern home, furnished or empty. \$650. References. Call 835-5297.  
 For rent—Sabbatical home, Southgate, December 1981 - December 1982. 432-5672.  
 For sale—Westridge Ravine property. Attractive cedar and brick, two storey, four bedroom home. Privately fenced, treed backyard. Outstanding cathedral ceiling in living room.

Faye Lund, Block Bros. 436-4240, 487-2422.

For sale—Blue Quill, two storey home in excellent location. Immediate possession can be arranged. Great existing mortgage \$82,000 at 13¼% until Feb. 1983. Faye Lund 436-4240, 487-2422.

For sale—Mill Creek, Substantially renovated two-storey. Features parquette flooring, solarium, and greenhouse. Cedar exterior. Good financing at 10¼%. Priced at \$129,900. Audi Lew 432-7515, ABC Realty.

For sale—Laurier Heights. Three-level split, beautifully decorated, main floor family room, four bedrooms and contemporary kitchen. \$131,500. Please call Ruth 483-5854 or Emily 487-2479, office 483-9170. Royal Trust.

For sale—Next to campus. Two bedroom condominium. Balcony, fireplace, underground parking, 1½ baths, quality carpets and appliances. By owner-agent. 436-6032 res.

For sale—Five minutes to University and downtown. Charming bungalow in excellent condition and character plus! Patricia Warnke, 436-1299 A.E. LePage.

For sale—Belgravia bungalow. Three bedrooms in over 1,300 sq. ft. Fully developed basement and lovely

yard. Spacious kitchen and generous storage. Patricia Warnke, 436-1299 A.E. LePage.

For rent—Upper two floors. Parkallen house, 15 minute walk to University. Available October. Three bedrooms, two bathrooms, garage and five appliances. Families only, no pets. \$750, utilities extra. 437-3180.

For rent—South side University. Immaculate bungalow, fully renovated throughout. Finished basement with wood-burning fireplace. Beautiful location. Sale by owner. 436-6659. Principals only.

For rent—Four bedroom, furnished. One block from University. January/June. 439-0714.

For rent—Five bedroom house, near University. Immediately. 433-0946, 436-2488. Trade for London flat.

Female housemate required for balanced, comfortable, co-op house, two blocks from campus. 439-3619. To share—Upstairs of quiet home near University for compatible, non-smoking person. Phone 436-0408 evenings.

For sale—Pender Island B.C. Scenic lot with a terrific building site. Phone 435-1565 after 4:30 p.m.

For sale—Claridge House condominium. Two bedroom unit 1,418 sq. ft., southern exposure with

## Get Fit This Fall

*in the*

*Non-Academic Staff and Faculty*

## Fitness Programme

*Ten conveniently scheduled classes designed for adults.*

—aerobic dance  
 —relaxation  
 —men's fitness  
 —aquaizes  
 —yoga

*Registration now underway*

*Act quickly*

*Beginners welcome*

20 lesson course \$44.00

For information call 435-8984

lovely view, pool, sauna, and secure underground parking. Call Pat Tietzen, A.E. LePage 437-7480 or 434-4825.

For sale—Windsor Park bungalow over 1,400 sq. ft. Woodburning fireplace, faces small park, vendor will assist with "Buy-down." \$159,900. Call Pat Tietzen, A.E. LePage 437-7480, or 434-4825.

For sale—Hot tub. Renovated, older, two bedroom home, 10832 79 Ave. Private yard, deck, \$98,500. 439-4722 after 6 p.m., or Ken Cawkell 426-5330 days.

For sale—Luxury downtown highrise at \$139,900. Two bedrooms, fireplace, appliances, upgraded carpets and marble floors. Good financing. Just across the High Level bridge. Denise Rout 435-6355, 436-5250. Spencer's.

For sale—Hearthstone. Large end unit. Finished basement with wet bar and extra fireplace. Central air conditioning. \$65,000 at 12 3/4% until 1985. Call DeAnna Larson 481-0936, 436-5250. Spencer Real Estate.

For sale—Three bedroom condominium. Assumable \$59,700 mortgage, 13 3/4% until Feb. 1984. Express bus to University, peak hours. Pat vonBorstel 437-6540, Spencer Real Estate 436-5250.

#### Automobiles and others

1970 Ford van Econoline 300, Rebuilt engine, good tires. 432-5344, 437-0290.  
1975 Volkswagen camper with fridge and new motor, needs a good home. Never raced (barely camped), peekaboo curtains, etc. Asking \$3,995. 454-2601 daytime.

#### Goods for sale

Antiques—Appraisals on video cassette or typewritten list. For insurance; police identification; family division. Confidential advice on buying/selling; furniture; porcelain; jewellery; silver; Mary Goulden. 10437 142 St. 452-8549, 453-2008.

Sanyo desk top mini cassette recorder M5000, powerful built-in microphone, ear phone, adapter, with carrying case, \$75. 424-2633.

Super quality, super 8 Leicina, super RT-1, 9-18-25-54 f.p.s., 8-64mm F 1.9 zoom lens, with leather carrying case, \$450. 424-2633.

Utmost convenience, Canon AF 35m, lens 38mm f/2.8. autofocus, built-in flass, automatic film advance and return, with carrying case, \$145. Must sell by 6 Oct. 424-2633.

Magnificent brass and glass coffee table imported from Italy. 50x74x16 inches high, clear bevelled 3/4 inch glass. Retail \$2,400, asking \$1,600. Phone 484-1997.

Wall unit 3'x3'6" \$80. Single bed \$50. Tire on rim (Datsun) \$18. Call Zita 439-3619.

For sale—Sanyo video cassette recorder. \$725. Must sell. 435-6351.

#### Services

Donnic Typing Services Ltd. Specializing in word processing. 301A 10454 Whyte Avenue. 432-1419.

Kozak Business Services: Complete typing service available. Student discount. #305, 9924 106 Street. 423-3068, 478-1885.

Singing teacher, Eileen Turner. 439-4661. Typing on word processor. Call Darlene 452-1074.

Calico Decorators. Interior/Exterior. Residential/commercial. Quality workmanship. Free estimates. Phone 436-6239.

Children's art instruction and creative development. 433-0044.

Word processing service/Typing school/ Photocopier/Typewriter rental/

Mark 9, 8919 112 St. HUB Mall, 432-7936.

Architectural drafting—houseplans, interior renovations, additions. Call Dale 428-6162.

Balada Romanian Folkdance Ensemble is a group of young adults who enjoy dancing. We have performed extensively in Alberta and Europe. Come and join us. Ann 434-5747, Gary 474-3591.

Select Introductions, unattached people, someone for everyone. 438-0134.

Small business consulting, Eberlein 434-0563.

Salon de Conversation Française. French classes, all levels. Aspen. 435-4467.

Physical Therapy treatments for back problems, arthritis, rheumatism, migraine, neuro-muscular disorders, fitness and relaxation using remedial massage, electrotherapy, chiro-gymnastics and heat. Maria Krieg certified Physical Therapist. 436-8059. Proficient medical typist will do typing in my home. 463-5080.

Will housesit beginning January - May, shorter or longer periods. Good ref. 439-9352.

For Finest in Canadian and East Indian Cuisine

435-7850

*Tropicana*

STEAK AND CURRY HOUSE

4620 - 99 St. (Letourneau Centre)  
Edmonton, Alberta



### 30th Anniversary Celebration Contest

**WIN**  **\$3,000 WORTH OF TRAVEL**

The winner will receive a \$3,000 voucher good at any office of Ventra Travel Services Ltd. for travel purchased and completed between Dec. 17, 1981 to Jan. 31, 1983.

#### 3 WAYS TO WIN

- 1 Become a new member of Teachers' Co-op.
- 2 If you are already a Co-op member refer a new member to your Co-op.
- 3 Open a Teachers' Retirement Savings Plan or Home Ownership Savings Plan.

**Note:** All applications must be received between Oct. 1 - Nov. 28, 1981.

For application forms, entry forms and contest rules call or drop into your Co-operative office. (Your collect call is welcomed.)

**TEACHERS' INVESTMENT  
AND HOUSING CO-OPERATIVE**

Barnett House, 11010-142. St., Edmonton, Alta. T5N 2R1  
Telephone **453-3902**



**HIGH LEVEL**  
natural foods

*Co-operative*

**"A Real Food  
Alternative"**

- Bulk grains, nuts & beans
- Organic produce
- Vitamins & Herbs
- Tofu & yogurt
- Books & magazines

20% discount for  
co-op members

**Non-members  
Welcome**

**Close to Campus at:**

8532 - 109 Street  
Phone: 433-6807

**Hours**

Mon-Fri 10 a.m. to 9 p.m.

Sat 9 a.m. to 6 p.m.

# FOLIO

## Order for Personal Advertisements

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

*Folio*, The University of Alberta newspaper, is published every Thursday. All advertisements and requests to cancel advertisements must be received in the Office of Community Relations (423 Athabasca Hall) by 3 p.m. the Thursday prior to publication. All advertisements must be paid for in full at the time of their submission. No advertisements will be accepted via the telephone.

### Rates

- The cost is 30 cents per word with no discount for extended runs.
- There is a minimum charge of \$1.50.
- Advertisers' corrections are assessed at \$1.50.

### Length

- The maximum length of any advertisement is 30 words.
- Every word and abbreviation must be counted (although no charge is made for punctuation).
- Hyphenated words count as two words.
- A group of figures written together, or a telephone number, counts as one word.
- Initials and names must be counted but two or three initials together count as one word.

### Some examples

one-bedroom	(2 words)
\$100 month	(2 words)
4x7 feet	(2 words)
17 July	(2 words)
17 July 1979	(3 words)
17 July-18 August	(4 words)
\$29.95	(1 word)
\$2,935	(1 word)
(604) 432-4991	(1 word)
\$1.50	(1 word)
1½	(1 word)
8¾ percent	(2 words)
A.B. Jones	(2 words)
Allen B. Jones	(3 words)
13411-102 Ave.	(2 words)

Mail or deliver this form to:

Advertisements Folio  
The Office of Community Relations  
423 Athabasca Hall  
The University of Alberta  
Edmonton, Alberta  
T6G 2E8  
Enquiries, 432-2325

*Please check the appropriate section in which the notice is to appear. Write one word in each space. Calculate the cost of your advertisement below.*

- ☐ Accommodations available
- ☐ Accommodations wanted
- ☐ Automobiles and others
- ☐ Goods for sale
- ☐ Services

				5
				10
				15
				20
				25
				30

### Assessment

\_\_\_\_\_ X <sup>30 cents</sup> \_\_\_\_\_  
words rate

Total, which is enclosed = \_\_\_\_\_

### Date(s) to be run


### For office use only

Receipt number \_\_\_\_\_  
Cheque \_\_\_\_\_  
Cash \_\_\_\_\_